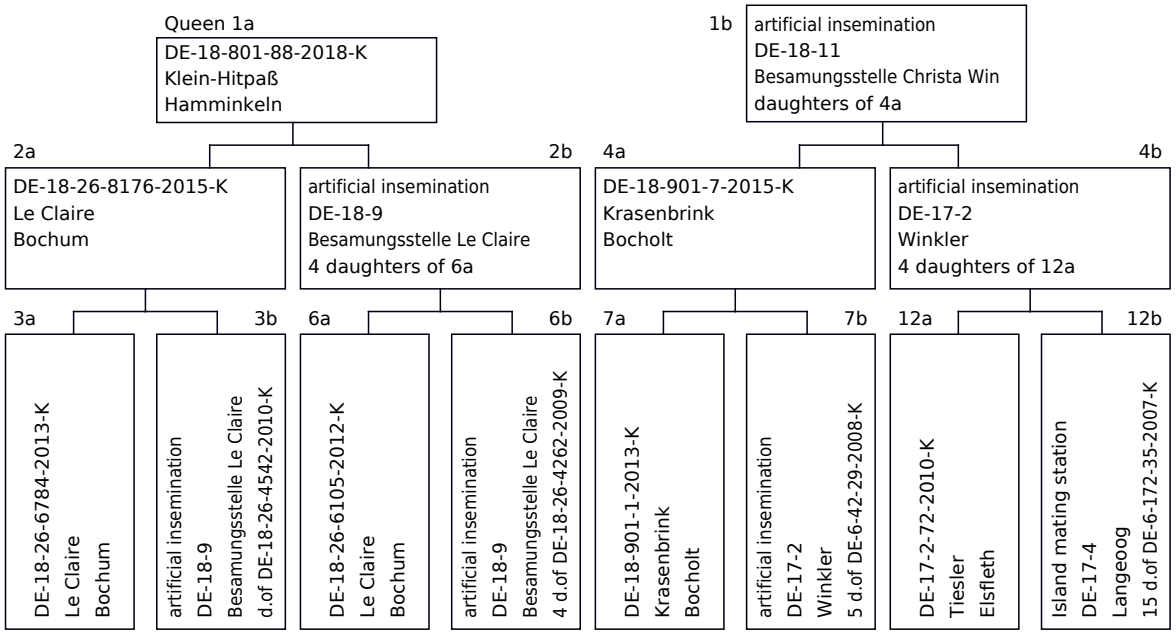
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-18-801-88-2018-K

Landesverband Westfälischer & Lippischer Imker e.V.

Tester of the queen:	Klein-Hitpaß, Heinz-Josef, 46499 Hamminkeln, DE-18-801, Apiary 3	
Breeder of the queen:	Klein-Hitpaß, Heinz-Josef, 46499 Hamminkeln, DE-18-801	
1a Studbook number:	**DE-18-801-88-2018-K**	
		Daughters of
Race line:	Sign: red 88	Queen: 3.0%
Generation:	Hatch date: 14.06.2018	Workers: 0.4%

A. Pedigree



B. Own performance

	No. of the colony 5			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	55	113.7	1	4	48.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	114	0.26
Defensive behavior	4	109	0.37
Steadiness on comb	4	112	0.37
Swarming drive	3.90	108	0.26
Varroa	-	(97)	0.06
Performance index	-	111	0.29
Robustness in winter	3.60		
Development in Spring	3.80		
Colony strength	3.90		

70% 100% 170%

[1]In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class A
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

03.07.2020

For the correctness DE-18

Breeding selection report DE-18-801-88-2018-K

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Performance of the sisters

Amount of checked sisters: 4

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-18-801-88-2018-K	DE-18-801	3	108	55	114	4	109	4	112	3.9	108	(97)	111
DE-18-801-93-2018	DE-18-801	3	106	50.5	112	3.6	104	3.8	108	3.8	107	(97)	108
DE-18-801-98-2018	DE-18-801	3	104	39.5	110	3.5	102	3.5	105	3.9	108	(97)	105
DE-18-801-99-2018	DE-18-801	3	106	48.5	112	3.8	106	3.8	109	3.9	108	(97)	109